

FIG.1

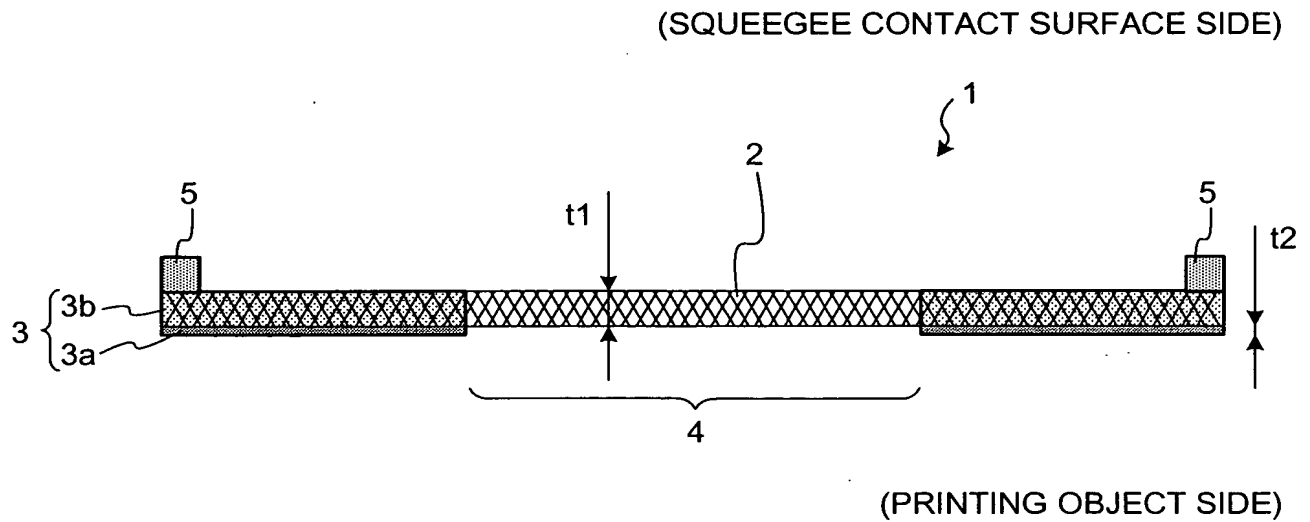


FIG.2-1

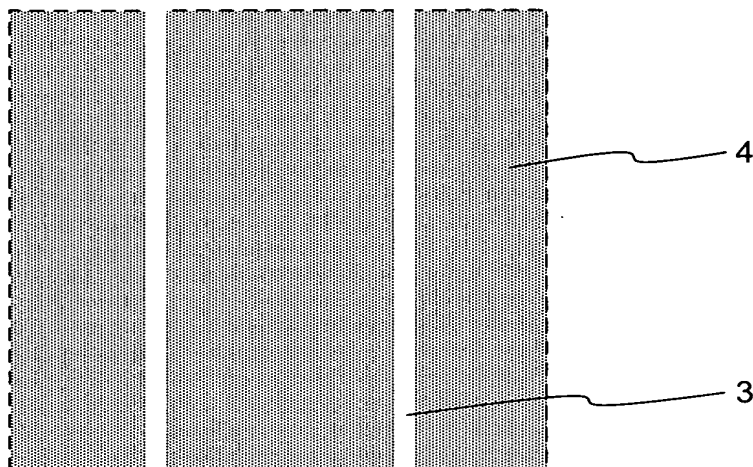


FIG.2-2

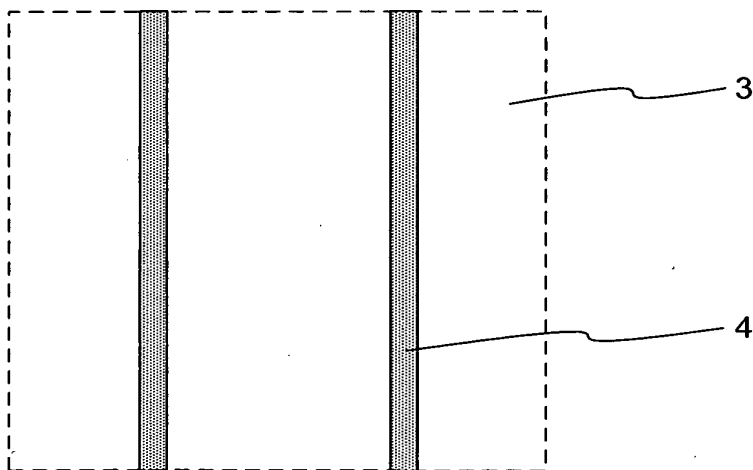


FIG.2-3

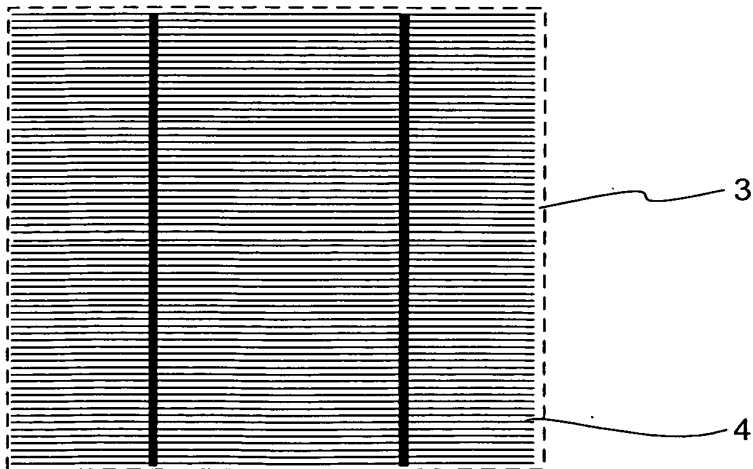


FIG.3-1

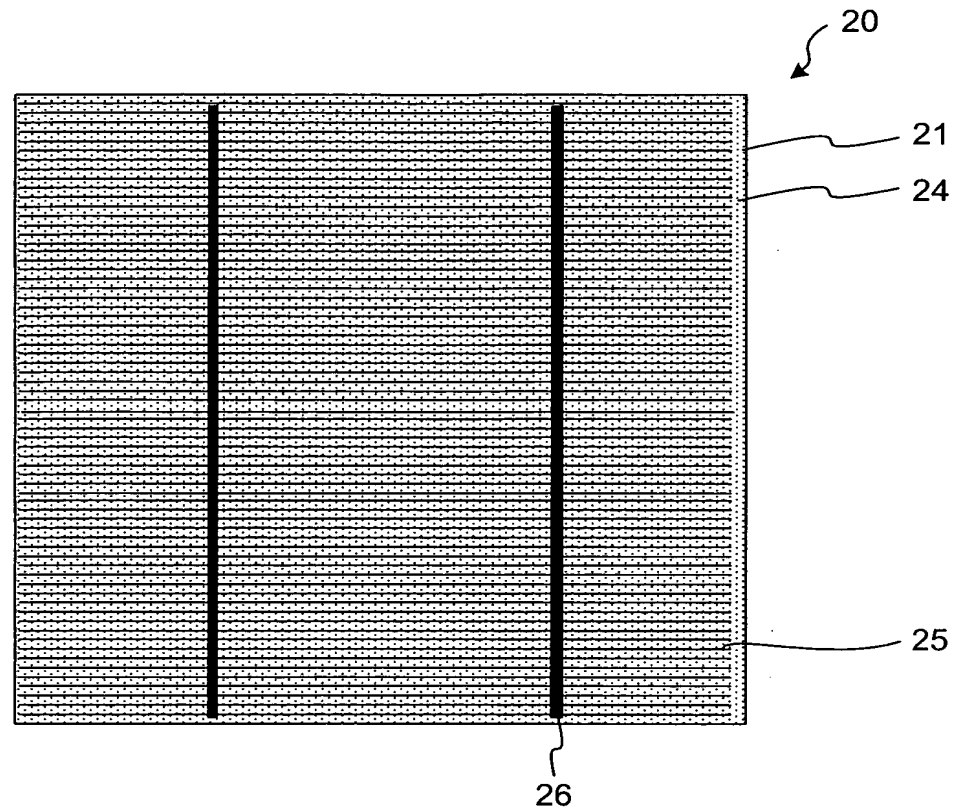


FIG.3-2

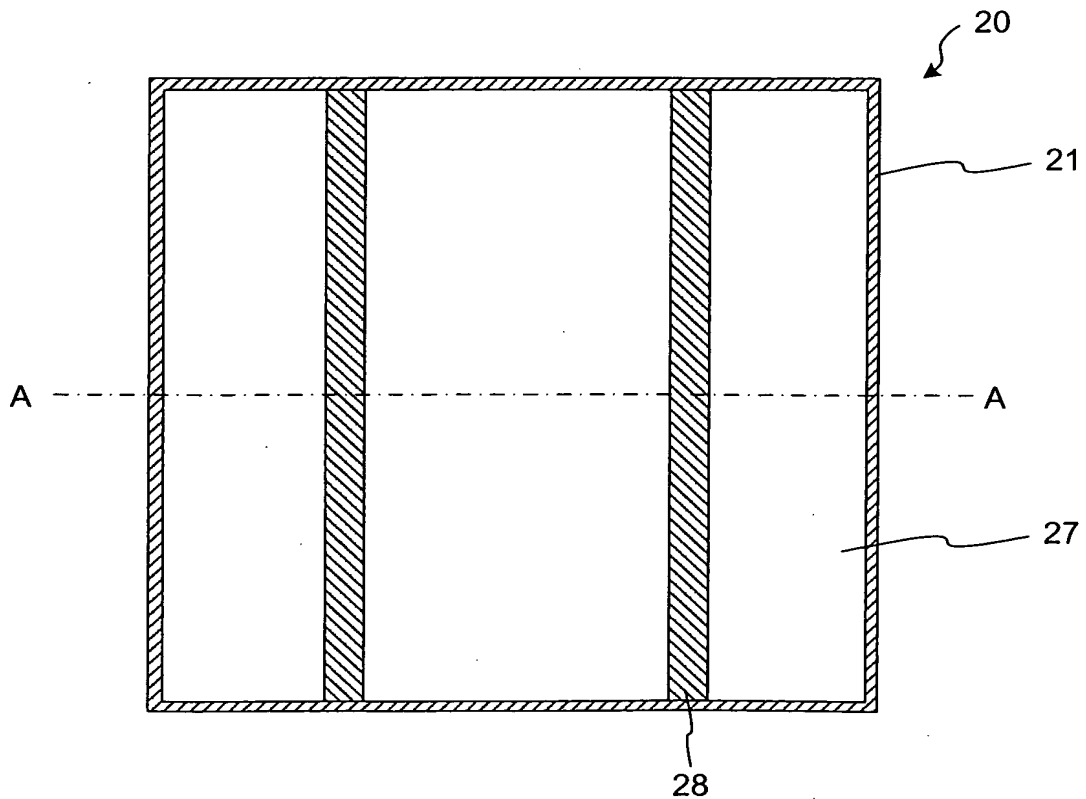


FIG.4

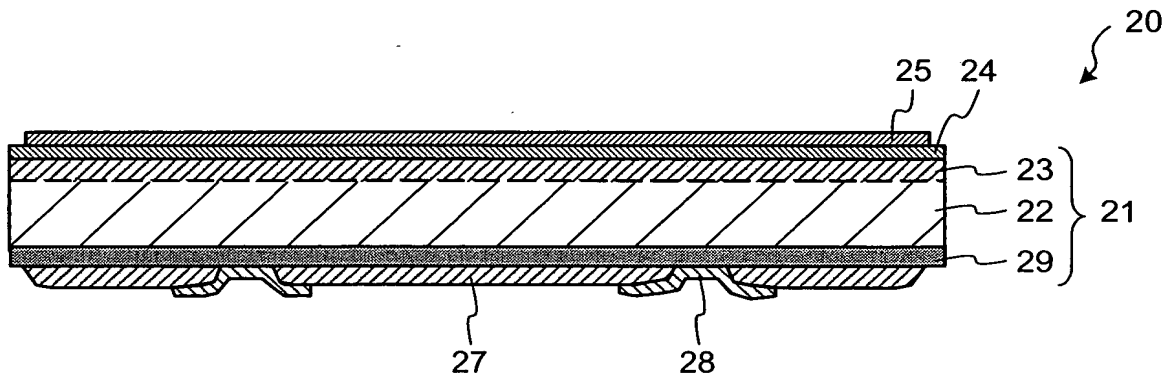


FIG.5-1

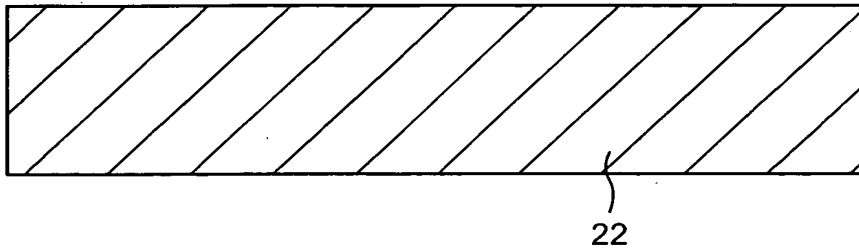


FIG.5-2

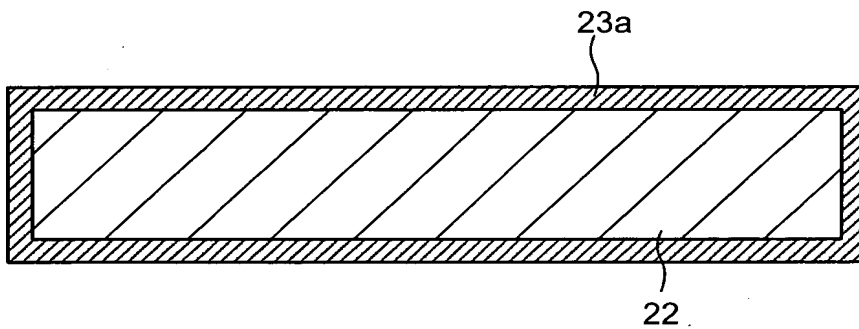


FIG.5-3

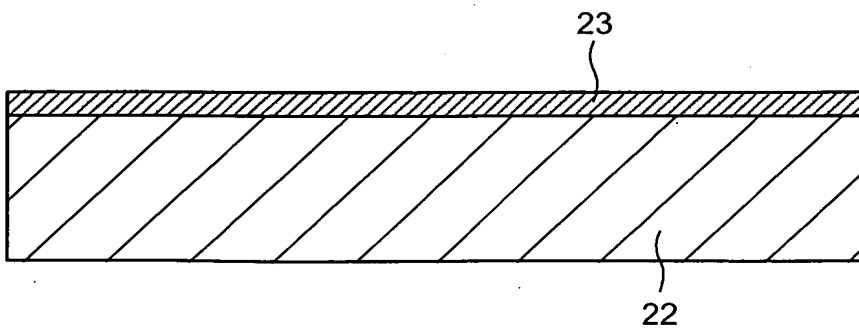


FIG.5-4

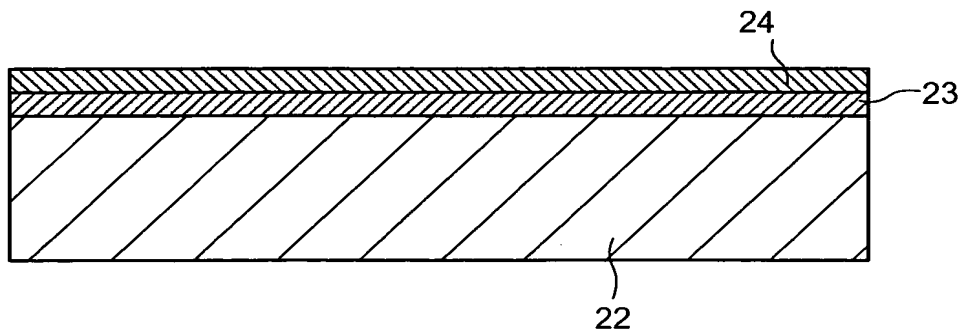


FIG.5-5

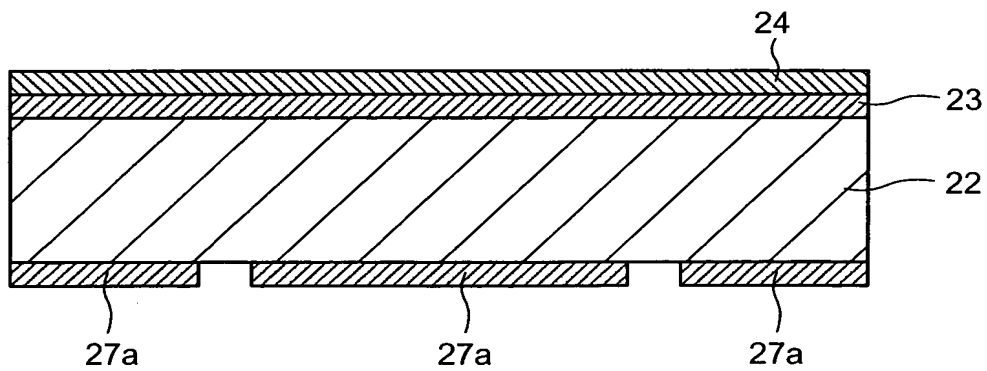


FIG.5-6

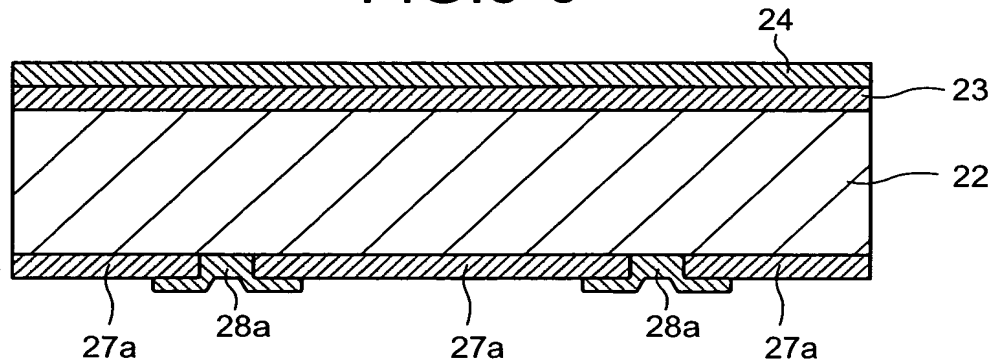


FIG.5-7

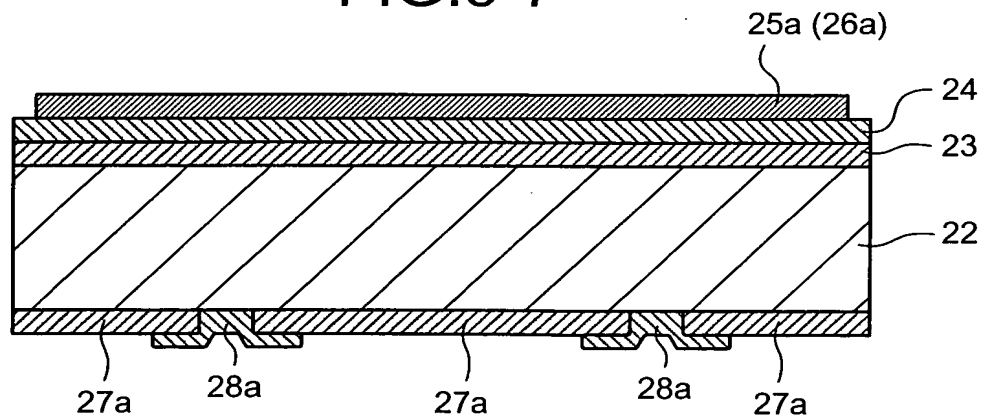


FIG.6

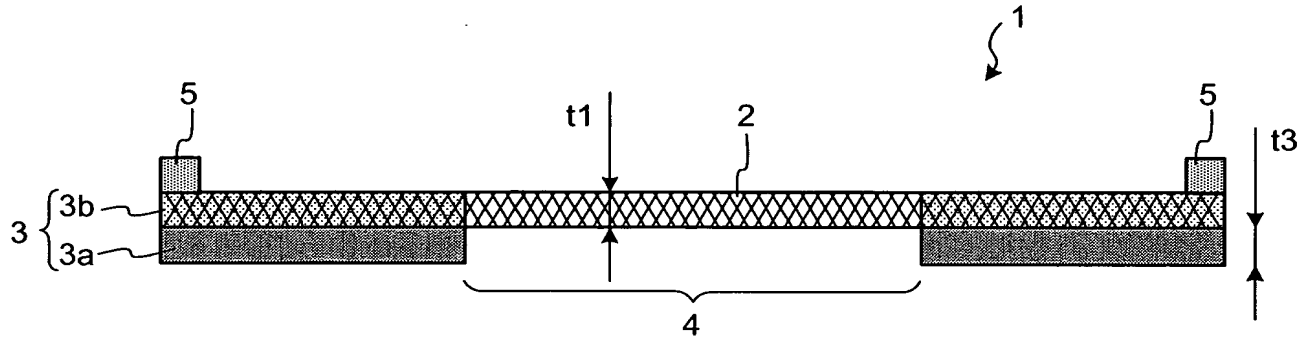


FIG.7

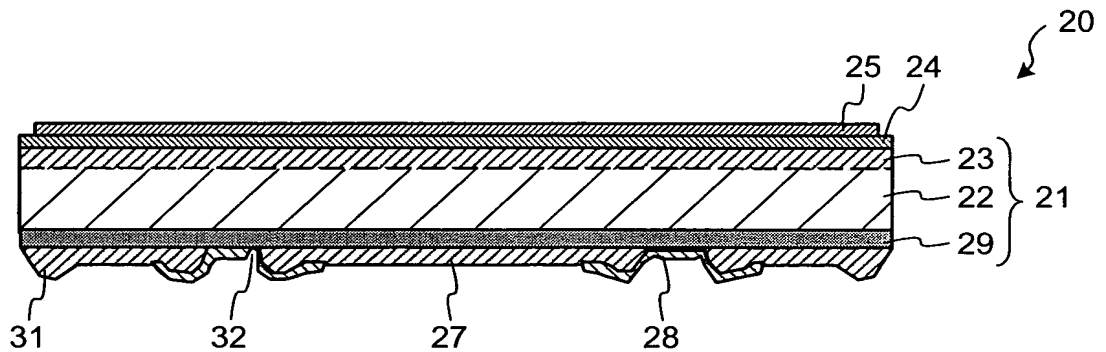


FIG.8

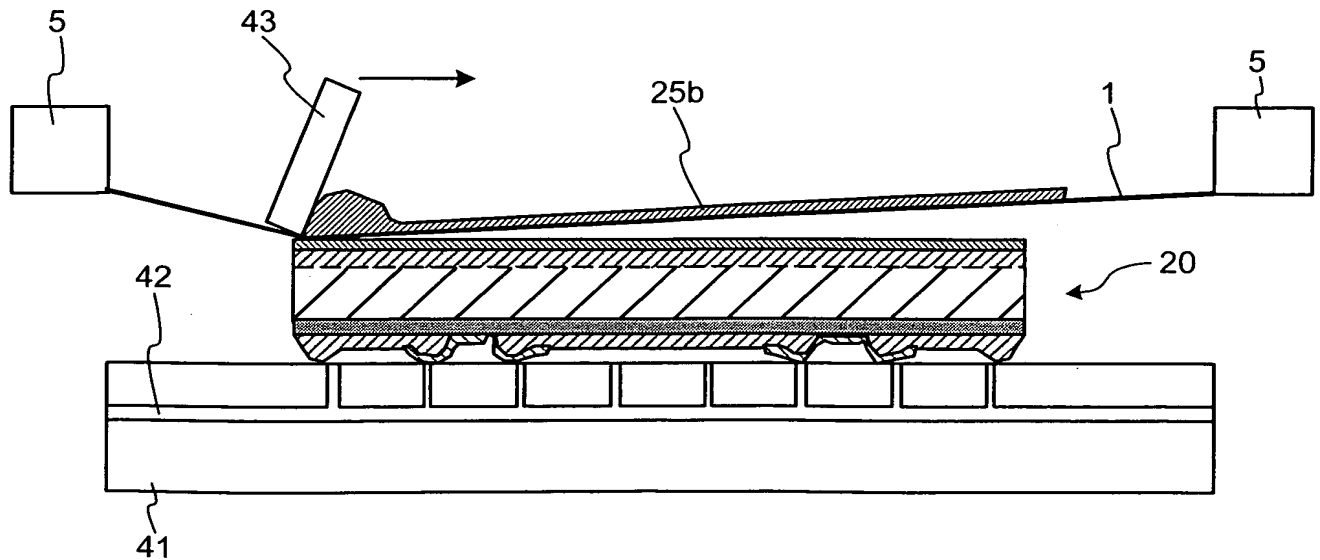




FIG.9

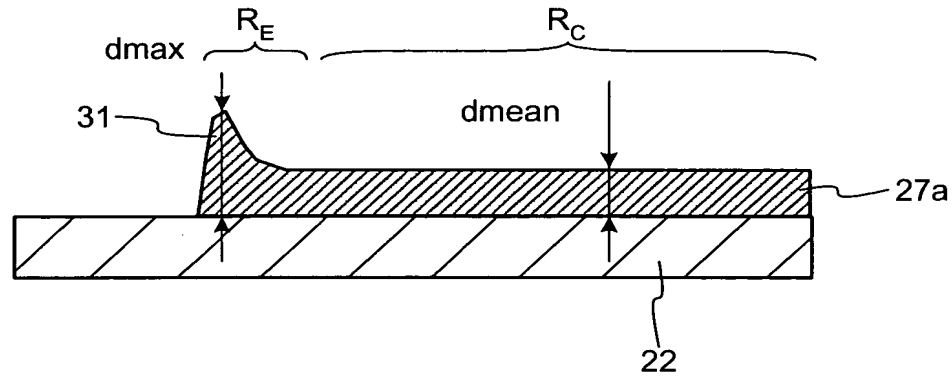


FIG.10

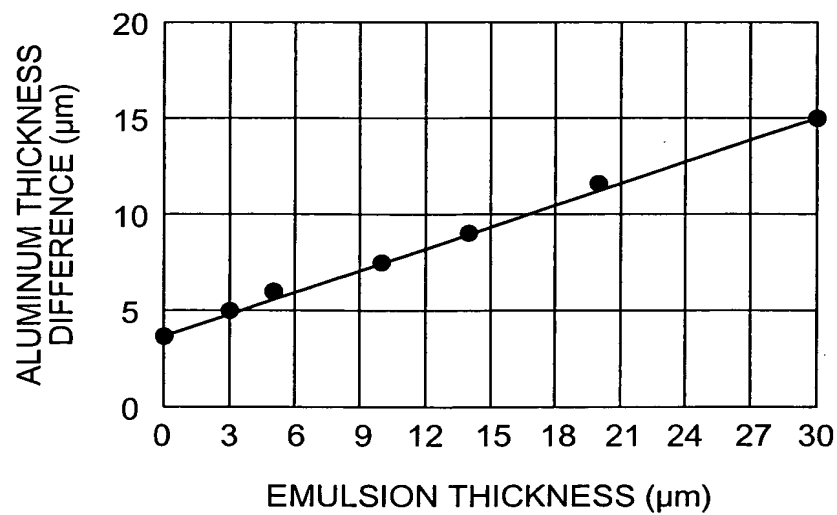


FIG.11

	BEFORE IMPROVEMENT	AFTER IMPROVEMENT
EMULSION THICKNESS ( $\mu\text{m}$ )	14	3
NUMBER OF MESHES	400	400
LINE DIAMETER ( $\mu\text{m}$ )	23	23
AVERAGE ALUMINUM FILM THICKNESS $d_{\text{mean}}$ ( $\mu\text{m}$ )	29	27
AVERAGE FILM THICKNESS OF ALUMINUM EDGE PART $d_{\text{max}}$ ( $\mu\text{m}$ )	37	32
ALUMINUM THICKNESS DIFFERENCE: $d_{\text{max}} - d_{\text{mean}}$ ( $\mu\text{m}$ )	8	5
SUBSTRATE THICKNESS	BREAKAGE RATE (%)	BREAKAGE RATE (%)
200 $\mu\text{m}$	10	1
240 $\mu\text{m}$	5	0
280 $\mu\text{m}$	1	0
330 $\mu\text{m}$	0	0

FIG.12

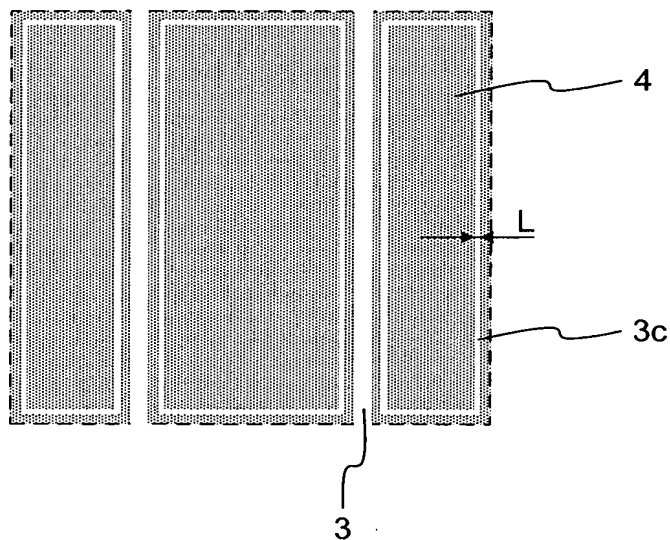


FIG.13-1

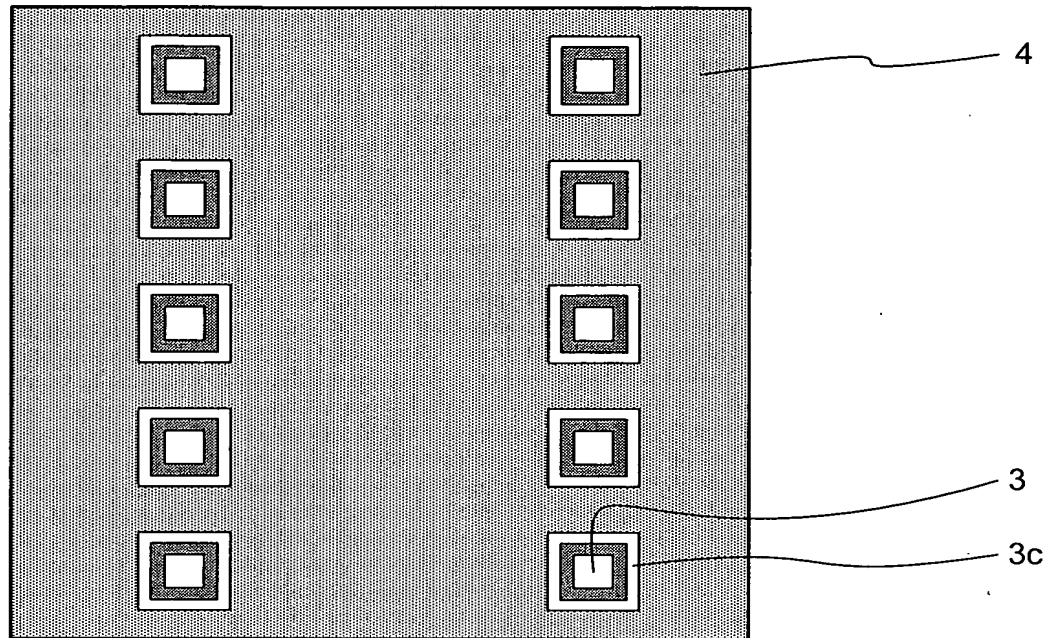


FIG.13-2

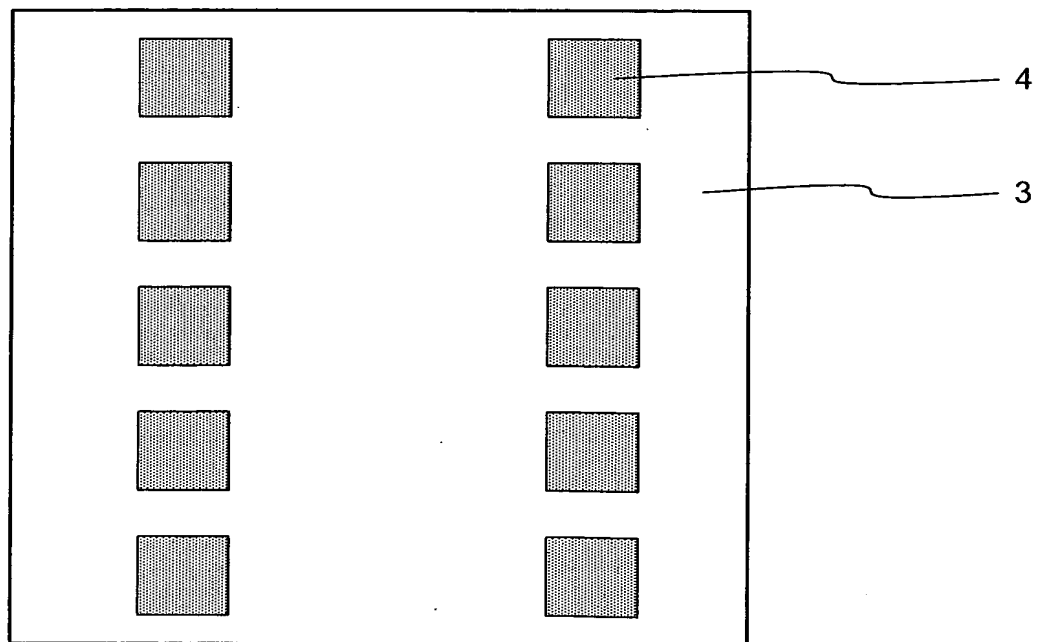


FIG.14

(SQUEEGEE CONTACT SURFACE SIDE)

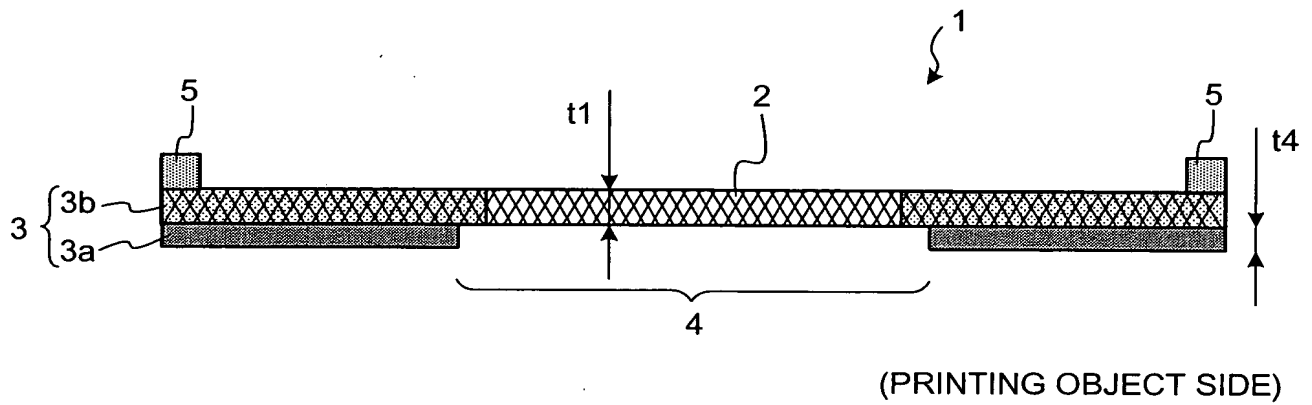


FIG.15

